Number    1	GPUB; 08:46 JPO;
US-PC	GPUB; 08:46 JPO;
	JPO;
	·
DERWE	
2 34486 ((chip adj1 (board film))) (flexible USPAT	2002/10/01
near1 (film board carrier tape)) US-PG	GPUB; 08:48
EPO;	JPO;
DERWE	
3   89 ((dummy blocking) near1 (member lead))   USPAT	
with corner   US-PG	1
EPO;	1
DERWE 4 8728 ((dummy blocking) near1 (member lead)) USPAT	
4 8728 ((dummy blocking) near1 (member lead)) USPAT	
EPO;	· i
DERWE	
5 4629 (((chip adjl (board film))) (flexible USPAT	!
nearl (film board carrier tape))) and US-PG	
(flipchip (flip adj chip) bump ball) EPO;	JPO;
DERWE	ENT
6 31 ((((chip adjl (board film))) (flexible USPAT	
near1 (film board carrier tape))) and US-PG	
(flipchip (flip adj chip) bump ball)) and EPO;	·
(((dummy blocking) nearl (member lead))) DERWE	
7 17 (((((chip adj1 (board film))) (flexible USPAT   nearl (film board carrier tape))) and US-PG	
(flipchip (flip adj chip) bump ball)) and EPO;	
(((dummy blocking) near1 (member lead)))) DERWE	
and (chip die semicoductor)	,
8 0 20020043713.URPN. USPAT	2   2002/10/01
	08:53
9 0 6342727.URPN. USPAT	1 ' ' '
10 (#4005500#   #5100000#   #5050047#	08:56
10	
"5621242"   "5708293"   "5714405"	08:56
"5767571"   "5804872"   "5812381"	; [
"5825081"   "5920114"   "6066888"	<u> </u>
"6081024"   "6084291"   "6194778"	į
"6200832").PN.	
11 2 6084291.URPN. USPAT	
10 2 (457675714   450050014) 722	08:57
12 2 ("5767571"   "5825081").PN. USPAT	2002/10/01
13 8 5825081.URPN. USPAT	1 (
OSPAI	08:58
14 2 6066888.URPN. USPAT	
	09:01
15 2 ("5250842"   "5825081").PN. USPAT	
16	09:01
16 7 5250842.URPN. USPAT	1
17 4 ("4280132"   "4994895"   "5031022"   USPAT	09:01
17	2002/10/01
18 20 4280132.URPN. USPAT	
	09:03
19 4 ("4280132"   "4994895"   "5031022"   USPAT	
"5070039").PN.	09:07
20 2 ("5250842"   "5825081").PN. USPAT	–
21 2 / /#5250042#   #5025001#\ 757	09:07
21 2 ("5250842"   "5825081").PN. USPAT	1 =
22 8 ("4280132"   "4400714"   "5220196"   USPAT	09:07 2002/10/01
"5250842"   "5424577"   "5541447"	09:07
"5554885"   "5637914").PN.	1
23   11 5767571.URPN. USPAT	2002/10/01
	09:09

24		("5227232"   "5252853"   "5357139"	USPAT	2002/10/01
2 7	4	"5442231"   "5448387"   "5506444"	USPAI	09:10
1		"5585600"   "5585665"   "5585666").PN.	1	09.10
25	4	5812381.URPN.	USPAT	2002/10/01
	-	1	OSTAL	09:12
26	3	("5424577"   "5468991"   "5637914").PN.	USPAT	2002/10/01
1		, , , , , , , , , , , , , , , , , , , ,	1	09:12
27	19	("4996583"   "5198883"   "5350947"	USPAT	2002/10/01
i i	1	"5352632"   "5432122"   "5479051"		09:13
1	İ	"5621242"   "5708293"   "5714405"		!
Į.		"5767571"   "5804872"   "5812381"		ĺ
!		"5825081"   "5920114"   "6066888"		
1	ļ	"6081024"   "6084291"   "6194778"	İ	i
		[ "6200832").PN.		]
28	0	6287895.URPN.	USPAT	2002/10/01
i	1		İ	09:14
29	4	("5863814"   "5941449"   "6024579"	USPAT	2002/10/01
i		"6074896").PN.		09:14
30	7	"5243141"	USPAT;	2002/10/01
			US-PGPUB;	09:19
i			EPO; JPO;	]
	1	5005005	DERWENT	
31	2	5925926.URPN.	USPAT	2002/10/01
1 22		(#2690001#   #5242141#\ px		09:20
32	2	("3689991"   "5243141").PN.	USPAT	2002/10/01
33	1	; ;5243141.URPN.	Tranam.	09:21
33	4	5245141.URPN.	USPAT	2002/10/01 09:21
34	1 4	   5394675.URPN.	USPAT	2002/10/01
• .	1	3351073.0KLW.	OSFAI	09:23
35	! 4	("4330790"   "4466183"   "4758927"	USPAT	2002/10/01
	1	"5048180").PN.	001111	09:23
36	14057	(flipchip (flip adj chip))	USPAT;	2002/10/01
	1		US-PGPUB;	09:25
		 	EPO; JPO;	
i	ļ.	i	DERWENT	,
37	16	(((dummy blocking) nearl (member lead)))	USPAT;	2002/10/01
		and ((flipchip (flip adj chip)))		09:25
!	ļ	: 	EPO; JPO;	1
120		2002000274 17001	DERWENT	
38	0	20020092674.URPN.	USPAT	2002/10/01
39	0	20010030061.URPN.	HCDAM	09:26
33		20010030001.0RPN.	USPAT	2002/10/01
40	296	((flipchip (flip adj chip))) and dummy	USPAT;	2002/10/01
1		((filponip (filp ad) chip))) and damany	US-PGPUB;	09:29
1	i i		EPO; JPO;	03.23
!	1		DERWENT	
41	280	(((flipchip (flip adj chip))) and dummy)	USPAT;	2002/10/01
	i	not ((((dummy blocking) near1 (member	US-PGPUB;	09:29
1	1	<pre>lead))) and ((flipchip (flip adj chip))))</pre>	EPO; JPO;	
i	i I		DERWENT	
42	242	((((flipchip (flip adj chip))) and dummy)	USPAT;	2002/10/01
!	1	not ((((dummy blocking) near1 (member	US-PGPUB;	09:31
1		lead))) and ((flipchip (flip adj	EPO; JPO;	
43	246	chip))))) and (carrier substrate base)	DERWENT	1 0000 410 401
43	246	((((flipchip (flip adj chip))) and dummy) not ((((dummy blocking) nearl (member	USPAT;	2002/10/01
	į	not (((dummy blocking) hear! (member   lead))) and ((flipchip (flip adi	US-PGPUB;	09:32
		chip))))) and ((IIIpchip (IIIp ad)	PPO; JPO; DERWENT	!
i		tape film)	DEKMENI	
44	21		USPAT;	2002/10/01
1		dummy) not ((((dummy blocking) near1		1 2002/10/01
i		(member lead))) and ((flipchip (flip adj	EPO; JPO;	
ì	:	chip))))) and (carrier substrate base	DERWENT	
	1	tape film)) and (solder adj (mask	I	į
<u></u>		resist))		j
			~	· — — · — · — · — · — · — ·

45	34	<pre>(((((flipchip (flip adj chip))) and dummy) not ((((dummy blocking) near1   (member lead))) and ((flipchip (flip adj   chip))))) and (carrier substrate base   tape film)) and (underfill\$2 (under adj   filler))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/01
46	49	<pre>((((((((flipchip (flip adj chip))) and dummy) not ((((dummy blocking) nearl   (member lead))) and ((flipchip (flip adj   chip)))) and (carrier substrate base   tape film)) and (solder adj (mask   resist))) (((((flipchip (flip adj   chip))) and dummy) not (((dummy   blocking) nearl (member lead))) and   ((flipchip (flip adj chip))))) and   (carrier substrate base tape film)) and   (underfill\$2 (under adj filler)))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/01
47	0	20020092162.URPN.	USPAT	2002/10/01 09:38
48	0	20010013424.URPN.	USPAT	2002/10/01 09:43
49	j o	6438826.URPN.	USPAT	2002/10/01 09:44
50	3	("4993148"   "5706579"   "6105245").PN.	USPAT	2002/10/01 09:44
51	· 	("5366933"   "5422435"   "5527740"   "5766986"   "5898220"   "5930599"   "6093584"   "6130483"   "6133067"   "6133637"   "6157080").PN.	USPAT	2002/10/01 09:49
52		6130483.URPN.	USPAT	2002/10/01
53	l 	("5045820"   "5428327"   "5602421"   "5635767"   "5659203"   "5757074").PN.	USPAT	2002/10/01 09:53
54	0	6265783.URPN.	USPAT	2002/10/01
55	4	'("5874776"   "6130480"   "6157080"     "6157085").PN.	USPAT	2002/10/01 10:00
56	6	6157085.URPN.	USPAT	2002/10/01
57	8	("5001542"   "5113241"   "5136365"     "5311059"   "5350947"   "5371404"     "5739588"   "5796589").PN.	USPAT	2002/10/01 10:03
58	i 7   	("5008733"   "5210938"   "5385869"   "5640052"   "5697148"   "5844320"   "5889326").PN.	USPAT	2002/10/01 10:05
59	:	! ("5874776"   "6130480"   "6157080"     "6157085").PN.	USPAT	2002/10/01
60	1	6262473.URPN.	USPAT	2002/10/01
61	3	("5477611"   "6002168"   "6046495").PN.	USPAT	2002/10/01 10:07
62	4	6093971.URPN.	USPAT	2002/10/01 10:12
63	3	6054774.URPN.	USPAT	2002/10/01
64	7	5953814.URPN.	USPAT	2002/10/01
65	0	6365441.URPN.	USPAT	2002/10/01
66		"5766982"   "5804771"   "5815372"   "5891753"   "5917702"   "5919329"   "5920120"   "5936304"   "5953814"   "5959362"   "5965937"   "5973930"   "5981313"   "5990546"   "5991161"   "5998242"   "6011301"   "6016006"   "6049122"   "6093972"   "6201301"	USPAT	2002/10/01
67	8	"6252308").PN. 5998242.URPN.	USPAT	2002/10/01 10:21

68		- (UE (CO10(U ) UE017(A)U ) UE017(ACU )	7.70000	
, 68	4	("5663106"   "5817542"   "5817545"	USPAT	2002/10/01
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69	12	("4604644"   "5084961"   "5089440"	USPAT	2002/10/01
}	ļ i	"5121190"   "5194930"   "5274913"	}	10:24
1		"5400950"   "5542601"   "5578525"		i
Í		"5615477"   "5704116"   "5710071").PN.	ļ	
70	! 51	5710071.URPN.	USPAT	2002/10/01
!				10:25
71	0	6281450.URPN.	USPAT	2002/10/01
	İ			10:29
72	31		USPAT	2002/10/01
ł	!	"5225966"   "5237130"   "5253010"	į	10:29
i	ļ	' "5258577"   "5378859"   "5397864"		i
Į	1	"5436503"   "5483421"   "5535101"	į	}
1	1	"5586007"   "5615477"   "5641996"		
	Ī	"5650595"   "5710071"   "5714252"	l I	
	l I	"5726489"   "5804882"   "5870289"	j	
i	1	"5920123"   "5925445"   "5949142"	Ì	i
1		"6049122"   "6061248"   "6071755"	:	i
į	ļ	"6078505"   "6097610"   "6108210"	l l	1
	I I	"6140707").PN.	ļ	}
73	3	6061248.URPN.	USPAT	2002/10/01
	1		1	10:33
74	14	5726489.URPN.	USPAT	2002/10/01
i -		i	051111	10:38
75	4	("5214845"   "5357400"   "5359222"	USPAT	2002/10/01
	1	"5450283").PN.	OSTAT	10:39
76	2	6214635.URPN.	USPAT	2002/10/01
, ,	1	0211030.0KIN.	USERI	10:43
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1 ' '		0251201.01(14.	UDIAL	10:44
78	5	("4818728"   "5120678"   "5218234"	USPAT	2002/10/01
, 3		"6048656"   "6214635").PN.	OSPAI	10:44
79	91	5120678.URPN.	USPAT	2002/10/01
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80	5	("4818728"   "5120678"   "5218234"	USPAT	2002/10/01
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L	L	L		10:57

L	Hits	Search Text	DB	Time stamp
Number	<u></u>		1 <del></del>	_L
1	14057	(flipchip (flip adj chip))	USPAT; US-PGPUB;	2002/10/01 14:30
2	1281	((flipchip (flip adj chip))) and (underfill\$2 (under adj filler))	EPO; JPO; DERWENT USPAT; US-PGPUB;	2002/10/01 14:32
	!	(anderrality)	EPO; JPO; DERWENT	1
3	]    - 	(((flipchip (flip adj chip))) and (underfill\$2 (under adj filler))) and dummy	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/10/01 14:42
4	33	"5400950" 	USPAT; US-PGPUB; EPO; JPO;	2002/10/01 14:42
5	4	6242815.URPN.	DERWENT USPAT	2002/10/01
6	8	"5773882"   "5814891"   "5841194"	USPAT	14:48 2002/10/01 14:49
7	8	"5909058"   "6060775").PN. 5814891.URPN.	USPAT	2002/10/01
8	13	5773882.URPN.	USPAT	2002/10/01
9	   1	6291775.URPN.	USPAT	2002/10/01
10	7	("4742431"   "5677575"   "5773882"    "5834848"   "5900312"   "5912654"     "6054774").PN.	USPAT	2002/10/01
11	¦ 24 I	5677575.URPN.	USPAT	2002/10/01   15:10
12	i I ,	6285079.URPN.	USPAT	2002/10/01 15:15
13	8	("5246879"   "5408121"   "5642261"     "5677575"   "5710459"   "5732102"     "6046495"   "6049128").PN.	USPAT	2002/10/01 15:16
14	7	("4742431"   "5677575"   "5773882"     "5834848"   "5900312"   "5912654"     "6054774").pn.	USPAT	2002/10/01
15	8	("5400950"   "5677575"   "5731636"   "5773882"   "5814891"   "5841194"   "5909058"   "6060775").PN.	USPAT	2002/10/01 15:24
16	8		USPAT	2002/10/01 15:25
17	24	5523628.URPN.	USPAT	2002/10/01
18	4	("3811186"   "4878611"   "5214308"   "5220200").PN.	USPAT	2002/10/01
19	47	5214308.URPN.	USPAT	2002/10/01
20	48	5598036.URPN.	USPAT	2002/10/01 15:36